**TASK 1**

* **DNS LOOKUP**

**A screenshot of a social media post

Description automatically generated**

* **TRACEROUTE**

**A screenshot of a social media post

Description automatically generated**

* **WHOIS**A screenshot of a social media post

  Description automatically generatedA screenshot of text

  Description automatically generated

**TASK 2**

* Every piece of information you will get using DNSLOOKUP tool is important in many ways to exploit.
* One can perform Domain Hijacking, Domain Phishing, Typosquatting, Registrar hacking and DNS attacks using domain information.
* The registry in short, the domain which is also one can hack by performing domain hijacking, domain phishing and many more.
* Domain attacks are prominent to solve as hackers perform this to steal vulnerable information about customers to sell out to competitor to one firm.
* The registrar is from where one can buy domain. When registrar hacking occurs, hackers have all database access that registrar have. Thus, all websites are facing who is in their database face this vulnerability. One can avoid this opting domain name registrar who has better security polices.
* The registrant the one who bought the domain. Having information about the registrant can be vulnerable as we can utilize that data to perform hacking. We have founded name, address, phone number and email address of one person which we can use.
* Name server where have all database of domain with their IP we request one website we get it from name server. We can perform DNS server hack where we can change server setting. Where we can get fake websites from hacker’s server and they can steal our vulnerable information.
* Traceroute entries where you will get information that your data packets coming through which route where you will get IP address of different node. We can target one computer to perform threat also some networks are not allowed to perform traceroute.
* We can perform different type of hacking to get information, hack one system or site.
* I can get access through this site using this information, but I will not do it as I am not hired by them. However, I can try that.
* My next step would be finding IP address using IP lookup tool. I have enough information about domain. Therefore, I can start with domain attacks.